

U.S.S.N. 10/798,590

In the Claims:

Please amend the claims as set forth in the following Listing of the Claims.

LISTING OF THE CLAIMS

1. (Canceled).
- 2.(Currently Amended) The process of claim ~~[[1]]~~ 12, wherein the pressure applied is from about 2 psi to about 50 psi.
- 3.(Currently Amended) The process of claim ~~[[1]]~~ 12, further comprising
applying a sealant composition to a second surface of the spacer,
contacting the sealant composition on the second surface of the spacer with a
second pane of glass, and
applying pressure on the assembly at an ambient temperature of from
about 15°C to about 60°C to bond the second glass pane to the spacer through the
sealant composition.
- 4.(Original) The process of claim 3, wherein the pressure applied is from about 2
psi to about 50 psi.
- 5.(Currently Amended) The process of claim ~~[[1]]~~ 12, further comprising
applying the sealant composition to at least two opposite surfaces of the spacer
simultaneously.
- 6.(Original) The process of claim 3, further comprising applying the pressure to
the first pane of glass and the second pane of glass simultaneously.
- 7.(Currently Amended) The process of claim ~~[[1]]~~ 12, wherein applying the
sealant composition comprises dispensing the sealant composition at a temperature
greater than 90°C.

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8.(Currently Amended) The process of claim ~~[[1]]~~ 12, wherein applying the sealant composition comprises dispensing the sealant composition at a temperature from about 50°C to about 150°C.

9.(Currently Amended) The process of claim ~~[[1]]~~ 12, wherein the sealant exhibits a needle penetration of from about 3.5 mm to less than 8.0 mm prior to cure.

10.(Currently Amended) The process of claim ~~[[1]]~~ 12, wherein the pressure is applied by a press selected from the group consisting of a platen press, a roller press or a combination thereof.

11.(Currently Amended) The process of claim ~~[[1]]~~ 12, wherein the pressure is applied while the assembly is in a vertical position.

12.(Currently Amended) A process for making an insulating glass assembly, the process comprising:

applying a moisture curable sealant composition to a surface of a spacer, The process of claim 1, wherein the sealant composition comprising
comprises
silane-functional amorphous poly- α -olefin, ;
butyl rubber, ;
polyisobutylene, ; and
tackifying agent;
contacting the sealant composition with a first glass pane; and
applying pressure on the assembly at an ambient temperature of from
about 15°C to about 60°C to bond the first glass pane to the spacer through the
sealant composition.

13.(Previously Presented) The process of claim 12, wherein the sealant further comprises amorphous poly- α -olefin different from said silane-functional amorphous poly- α -olefin.

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14.(Currently Amended) The process of claim [[1]] 12, wherein the spacer is metallic.

15.(Currently Amended) The process of claim [[1]] 12, wherein the spacer comprises polymer.

16.(Currently Amended) The process of claim [[1]] 12, wherein the spacer extends from a sash frame and is integral with the sash frame.

17.(Canceled)

18. (Currently Amended) The process of claim [[1]] 12, further comprising
applying a second sealant composition to a frame;
contacting the second sealant composition with the insulating glass
assembly prepared in claim [[1]] 12, and
applying pressure to the frame and assembly to bond the frame to the
assembly through the second sealant composition.

19.(Original) The process of claim 18, wherein the second sealant composition comprises

silane-functional amorphous poly- α -olefin;
butyl rubber;
polyisobutylene; and
tackifying agent,
the composition exhibiting a needle penetration from about 3.5 mm
to less than 8.0 mm.

20.(Currently Amended) The process of claim [[1]] 12, wherein the insulating
glass assembly passes the ASTM E774/773 Class C performance requirement.

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21.(Currently Amended) The process of claim [[1]] 12, wherein the insulating glass assembly passes the ASTM E774/773 Class CB performance requirement.

22.(Currently Amended) The process of claim [[1]] 12, wherein the insulating glass assembly passes the ASTM E774/773 Class CBA performance requirement.

23.(Withdrawn) A moisture curable sealant composition comprising:
silane-functional amorphous poly- α -olefin;
butyl rubber;
polyisobutylene; and
tackifying agent,
the composition exhibiting a needle penetration from about 3.5 mm to less than 8.0 mm.

24.(Withdrawn) The sealant composition of claim 23, further comprising amorphous poly- α -olefin.

25.(Withdrawn) The sealant composition of claim 23, wherein the sealant composition exhibits a moisture vapor transmission rate no greater than 1 g/m²/day.

26.(Withdrawn) An insulating glass assembly comprising:
an insulating glass unit comprising
a first glass pane,
a second glass pane,
a spacer, and
a first sealant composition, the first glass pane being bonded to a first surface of the spacer through the sealant composition, the second glass pane being bonded to a second surface of the spacer through the first sealant composition;
a frame; and

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a second sealant composition, the insulating glass unit being bonded to the frame through the second sealant composition, the second sealant composition comprising the cured sealant composition of claim 23.

27.(Withdrawn) The insulating glass assembly of claim 26, wherein the second sealant composition exhibits a needle penetration from about 3.5 mm to less than 8.0 mm.

28.(Withdrawn) The insulating glass assembly of claim 26, wherein the first sealant composition comprises the cured sealant of claim 23.

29.(Withdrawn) The insulating glass assembly of claim 26, wherein the insulating glass assembly passes at least one of the ASTM E774/773 Class C performance requirement, the ASTM E774/773 Class CB performance requirement, and the ASTM E774/773 Class CBA performance requirement.

30.(Withdrawn) An insulating glass assembly comprising

- a first glass pane,
- a second glass pane,
- a spacer, and
- a sealant composition disposed between the first pane of glass and the spacer and the second pane of glass and the spacer,

the sealant composition comprising the cured sealant composition of claim

Claims 31-36 (Canceled)